

SEQUENCE LISTING

<110> French, Gary L  
 Anthony, Richard M  
 Brown, Timothy J

<120> Identification of Bacteria by Amplification and Probing

<130> WPA

<140> Filed Herewith

<141> 2001-08-24

<150> PCT/GB00/00740

<151> 2000-03-01

<150> GB 9904804.3

<151> 1999-03-02

<160> 63

<170> PatentIn Ver. 2.0

<210> 1

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<220>

<221> misc\_feature

<222> (9)

<223> n = C, T, or U

<220>

<221> misc\_feature

<222> (13)

<223> n = C, T, or U

<220>

<221> misc\_feature

<222> (18)

<223> n = A or G

<400> 1

gcgatttcng aanggggnaa ccc

<210> 2  
<211> 22  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: primer

<400> 2  
ttcgcctttc cctcacgga ct 22

<210> 3  
<211> 25  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: primer

<400> 3  
aatagcagtgc tcaggagaac ggtct 25

<210> 4  
<211> 23  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: primer

<400> 4  
atagccccgt atctgaagat gct 23

<210> 5  
<211> 21  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: primer

<400> 5  
ccagagcctg aatcagtggtg t 21

<210> 6  
<211> 23  
<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 6

tcccgtacac taaaacgcac agg

23

<210> 7

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 7

tcccgtacac caaaatgcac agg

23

<210> 8

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 8

cagagcctga atcagtatgt g

21

<210> 9

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 9

tcccgtacac gaaaatgcac agg

23

<210> 10

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 10	
cccgtacaca aaaatgcaca	20
<210> 11	
<211> 21	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: primer	
<400> 11	
agagcctgaa tcagcatgtg t	21
<210> 12	
<211> 22	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: primer	
<400> 12	
agaagaatga tttggaaga tc	22
<210> 13	
<211> 22	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: primer	
<400> 13	
gcttcattga ttttagcgga ac	22
<210> 14	
<211> 22	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: primer	
<400> 14	
gtgaggagaa tgtgttgga ag	22

<210> 15  
<211> 21  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 15  
agaagaagac cttgggaaag g 21

<210> 16  
<211> 24  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 16  
ggtagtctgt tagtatagtt gaag 24

<210> 17  
<211> 20  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 17  
tggaacggtc ctggaaaggc 20

<210> 18  
<211> 20  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 18  
agaagaacta cctggaaggt 20

<210> 19  
<211> 22  
<212> DNA  
<213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: primer  
  
 <400> 19  
 ggtagttctt tcagatagtc gg 22  
  
 <210> 20  
 <211> 30  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: primer  
  
 <400> 20  
 acggagttac aaaagtatat attagttttt 30  
  
 <210> 21  
 <211> 24  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: primer  
  
 <400> 21  
 acggagttac aaaggacgac atta 24  
  
 <210> 22  
 <211> 26  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: primer  
  
 <400> 22  
 ggttgtagga cactctatac ggagtt 26  
  
 <210> 23  
 <211> 30  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: primer

<400> 23  
 acggagttac aaaagaacag actagttttt 30

<210> 24  
 <211> 25  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: primer

<400> 24  
 acggagttac aaaagaacat gttag 25

<210> 25  
 <211> 25  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: primer

<400> 25  
 atggagttac aaaagaatcg attag 25

<210> 26  
 <211> 30  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: primer

<400> 26  
 acggagttac aaaggaatat attagttttt 30

<210> 27  
 <211> 22  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: primer

<400> 27  
 cgtattgtta gccgaacgct ct 22

<210> 28

<211> 22  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: primer  
  
 <400> 28  
 agccctgtat ctgaaagggc ca 22  
  
 <210> 29  
 <211> 30  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: primer  
  
 <400> 29  
 acggagttac aaaagaaagt tataatTTTT 30  
  
 <210> 30  
 <211> 22  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: primer  
  
 <400> 30  
 agaagaatga tttgggaaga tc 22  
  
 <210> 31  
 <211> 21  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: primer  
  
 <400> 31  
 agaagaagac cttgggaaag g 21  
  
 <210> 32  
 <211> 21  
 <212> DNA  
 <213> Artificial Sequence



<220>  
 <223> Description of Artificial Sequence: primer  
  
 <400> 32  
 agaagaacta cctgggaagg t 21  
  
 <210> 33  
 <211> 27  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: primer  
  
 <400> 33  
 acggcagaag ggcaaaccga atttttt 27  
  
 <210> 34  
 <211> 27  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: primer  
  
 <400> 34  
 ggaggaggg caaaccgaag atttttt 27  
  
 <210> 35  
 <211> 27  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: primer  
  
 <400> 35  
 ggcaagaggg caaaccgaag atttttt 27  
  
 <210> 36  
 <211> 24  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: primer  
  
 <400> 36

cgctctggga agtgcgaacg tttt

24

<210> 37

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 37

gaaaggcgcg cgatacaggg tttt

24

<210> 38

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 38

gaaagtccga cggtaacaggg tttt

24

<210> 39

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 39

acggagttac aaaagaacat gttagttttt

30

<210> 40

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 40

acggagttac aaaagaattt gttagttttt

30

<210> 41

<211> 20

<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 41  
gttagtggaa cggattggaa

20

<210> 42  
<211> 24  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 42  
tgaccatagc gggtgacagt cttt

24

<210> 43  
<211> 24  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 43  
tgaccatagt gggtgacagt cttt

24

<210> 44  
<211> 22  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 44  
gtgagtttag cagaacattc tg

22

<210> 45  
<211> 24  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 45

taagtaaggt tagtagaaca ctct

24

<210> 46

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 46

catccaagag aacgctttag ca

22

<210> 47

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 47

aatgggatca gccttgtagt ct

22

<210> 48

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 48

tctggaaagg cgcgcgatac a

21

<210> 49

<211> 341

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 49

gtctggaaag tccgacggt a

21

<210> 50  
<211> 21  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: primer

<400> 50  
gtctggaaag tccgacgga c 21

<210> 51  
<211> 25  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: primer

<400> 51  
accatatttt taatatgggg ttttt 25

<210> 52  
<211> 19  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: primer

<400> 52  
ccacattttt aatgtgggg 19

<210> 53  
<211> 23  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: primer

<400> 53  
ccgagctgaa gaagcgaggg ttt 23

<210> 54  
<211> 24  
<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 54

cctttcgagg ttatgtatac tgaa

24

<210> 55

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 55

ggtgttgcat tcgtgggggtt g

21

<210> 56

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 56

gggttgcgta tggaggggtt

20

<210> 57

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 57

gcgctaccg gctgagagg

19

<210> 58

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 58  
 ctacctggct gagggtagt c 21

<210> 59  
 <211> 24  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: primer

<400> 59  
 tgactgaccg atagygaacc agta 24

<210> 60  
 <211> 21  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: primer

<400> 60  
 tgaccatagc gggtgacagt c 21

<210> 61  
 <211> 21  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: primer

<400> 61  
 tgaccatagt gggtgacagt c 21

<210> 62  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: primer

<400> 62  
 accatatttt taatatgggg 20

<210> 63  
<211> 20  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 63

ccgagctgaa gaagcgaggg

20